

In the Claims:

This version of the claims supersedes all prior versions of the claims that have been entered by the Examiner.

1. (Currently Amended) A method for controlling the power delivered by a wire free power transfer surface to two or more electronic devices, wherein each of the two or more electronic devices have device contacts arranged with regard to first orthogonal axes, and the power transfer surface includes surface contacts arranged with respect to second orthogonal axes, comprising:

coupling the device contacts of a first device to the surface contacts on the power transfer surface without regard to the first and the second orthogonal axes;

coupling the device contacts of a second device to the surface contacts on the power transfer surface without regard to the first and the second orthogonal axes;

determining a power consumption level of one or more of the electronic devices coupled to the surface; and

increasing the -level of power delivered from the surface to the ~~one or more~~first electronic devices coupled to the surface ~~while and~~ decreasing the power level delivered from the surface to ~~a~~the second device coupled to the surface, based on the determined power consumption level of the one or more electronic devices coupled to the surface.

2. (Cancelled)
3. (Previously Presented) The method of claim 1 wherein the power consumption level of the one or more electronic devices is dynamic.
4. (Currently Amended) The method of claim 1 wherein the determining the power consumption level of the one or more electronic devices further comprises the

power management system communicating with the one or more electronic devices coupled to the surface via the device contacts and the surface contacts.

5. (Currently Amended) The method of claim 1 wherein the determining further comprises the power management system monitoring, via the device contacts and the surface contacts, activities of the one or more electronic devices coupled to the surface to identify a change in power consumption of the one or more electronic devices.
6. (Currently Amended) The method of claim 5 further comprising monitoring radio frequency patterns emitted from one or more electronic devices, via the device contacts and the surface contacts, to identify the power consumption level of the one or more electronic devices.
7. (Previously Presented) The method of claim 5 further wherein a power consumption signature over time is tracked and is used to determine the power consumption level of the one or more electronic devices.
8. (Currently Amended) The method of claim 1 further comprising the power management system detecting, via the device contacts and the surface contacts, non authorized or uncertified electronic devices coupled to the surface.
9. (Currently Amended) The method of claim 1 wherein the power requirements of the electronic devices is determined before power is delivered to them to detect incompatibility between the power requirements of the devices and the power that the surface can deliver.-
10. (Cancelled)
11. (Currently Amended) A system for controlling the power delivered by a wire free power transfer surface to two or more electronic devices, wherein each of the two or more electronic devices have device contacts arranged with regard to first orthogonal axes, and the power transfer surface includes surface contacts arranged with respect to second orthogonal axes, comprising:

a first device having device contacts coupled to the surface contacts on the power transfer surface without regard to the first and the second orthogonal axes;

a second device having device contacts coupled to the surface contacts on the power transfer surface without regard to the first and the second orthogonal axes;

means for determining a power consumption level of two or more electronic devices coupled to ~~a~~the surface; and

means for increasing the power level delivered from the surface to the ~~one or more electronic first~~ devices coupled to the surface and means for decreasing the power level delivered from the surface to ~~one or more other~~ the second electronic devices coupled to the surface, based on the determined power consumption level of the one or more electronic devices.

12. (Currently Amended) The method of claim 11 wherein the power management system further comprises ~~power controlling of a serial port on a semiconductor chip including a serial port operatively connected to communicate between the surface and the one or more devices.~~
13. (Currently Amended) The method of claim 12, ~~further comprising wherein the~~ serial port of the semiconductor chip is further coupled to communicate ~~communicating with the one or more electronic devices for recognition of the one or more electronic devices and for power management.~~
14. (Previously Presented) A method according to claim 1, wherein the level of power delivered from the surface includes using a semiconductor chip to facilitate power delivery.
15. (Previously Presented) The method of claim 14 further comprising the semiconductor chip facilitating communication with the one or more electronic devices to recognize the one or more electronic devices.

16. (Previously Presented) The method of claim 1 wherein at least one of the increasing and decreasing of power levels to one or more devices includes time based power multiplexing.
17. (Previously Presented) The method of claim 1 further comprising freely placing at least one of the devices on the surface in an arbitrary position and orientation without regard to its alignment on the surface.
18. (Previously Presented) The method in claim 9 further comprises communication between the electronic device and the surface to determine the power requirements of the device.
19. (Previously Presented) The method of claim 11 wherein at least one of the increasing or decreasing of power level provided to a device includes time base power multiplexing that controls the time periods in which power is delivered to the device.